

ABSTRACT

[00038] An apparatus is disclosed for simultaneously moving male and female coupling members attached to manifold or junction plates together or apart. The apparatus includes sloped cam surfaces on the first or rear junction plate, and a central shaft having cam followers that move up the sloped cam surface to urge the two junction plates together, and thereby connect male and female coupling members and corresponding sloped cam surfaces on the opposite side of the first junction plate with cam followers that move across the sloped cam surface to disconnect the coupling members.